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AMENDMENT TRANSMITTAL LETTER

Docket Number
2004229-0031

Application Number
10/076,363

Filing Date
February 15, 2002

Examiner
Sang H. Nguyen

Group Art Unit
1493

Invention Title

SYSTEM FOR AXIAL PATTERN ANALYSIS OF MULTICELLULAR ORGANISMS

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application, including:

1. Appointment of Associate Attorney/Agent Under 37 C.F.R. §1.34(b) (1 pg.);
2. Two-Month Petition for Extension of Time under 37 C.F.R. §1.136 (1 pg.);
3. Check in the amount of \$210.00 to cover the Extension of Time;
4. Response to Office Action Under 37 C.F.R. §1.111 (17 pgs.);
5. Replacement Drawing (1 pg.); and
6. Return-Receipt Postcard.

CLAIMS AS AMENDED

	(1)	(2)	(3)			
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT NUMBER EXTRA	RATE	Fee
TOTAL CLAIMS	14	Minus	47	0	x \$18	\$0
INDEPENDENT CLAIMS	2	Minus	7	0	x \$86	\$0
MULTIPLE DEPENDENT CLAIM ADDED					\$290	
					TOTAL	\$0
If applicant has small entity status under 37 CFR 1.9 and 1.27, then divide total fee by 2, and enter amount here.				SMALL ENTITY TOTAL		\$0

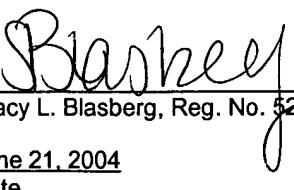
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the highest number previously paid for IN THIS SPACE is less than 20, enter "20."

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Stacy L. Blasberg, Reg. No. 52,625

June 21, 2004
Date

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 21, 2004.


Diana Ruiz



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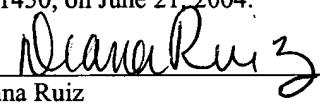
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hansen, et al. Examiner: Nguyen
Serial No.: 10/076,363 Art Unit: 2877
Filing Date: February 15, 2002
Title: SYSTEM FOR AXIAL PATTERN ANALYSIS OF
MULTICELLULAR ORGANISMS

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

CERTIFICATE OF MAILING

I hereby certify that the foregoing document is being deposited with the United States Postal Service as first class mail, postage prepaid, "Post Office to Addressee", in an envelope addressed to: MS Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 21, 2004.



Diana Ruiz

Sir:

OFFICE ACTION RESPONSE UNDER 37 C.F.R. § 1.111

This Response to Office Action is filed in response to the Office Action mailed January 22, 2004, objecting to claims 7-10 and rejecting claims 1-6 and 11-14. The cited references are U.S. Patent Nos. 5,578,460 (hereinafter, "Ebersole") and 5,804,384 (hereinafter, "Muller"). Applicant respectfully submits that the following amendments and remarks remove all grounds for rejection of the application, thereby placing it in condition for allowance.

Amendments to the Specification are reflected on page 2 of this paper.

Amendments to the Drawing are described on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims that begins on page 4 of this paper.

Remarks begin on page 13 of this paper.